"Western Treasure -- Deep, Wet Snow"

FEDERAL-STATE COOPERATIVE SNOW SURVEYS AND IRRIGATION WATER FORECASTS

for

NEVADA

MARCH 1, 1948

By

Division of Irrigation, Soil Conservation Service
United States Department of Agriculture
Nevada Agricultural Experiment Station
and
Nevada State Engineer

Data included in this report were obtained by the agencies named above in cooperation with other Federal, State and local organizations listed on the last page of this report.

FEDERAL-STATE COOPERATIVE
SNOW SURVEYS AND IRRIGATION WATER FORECASTS

FOR

NEVADA

Report Prepared

by

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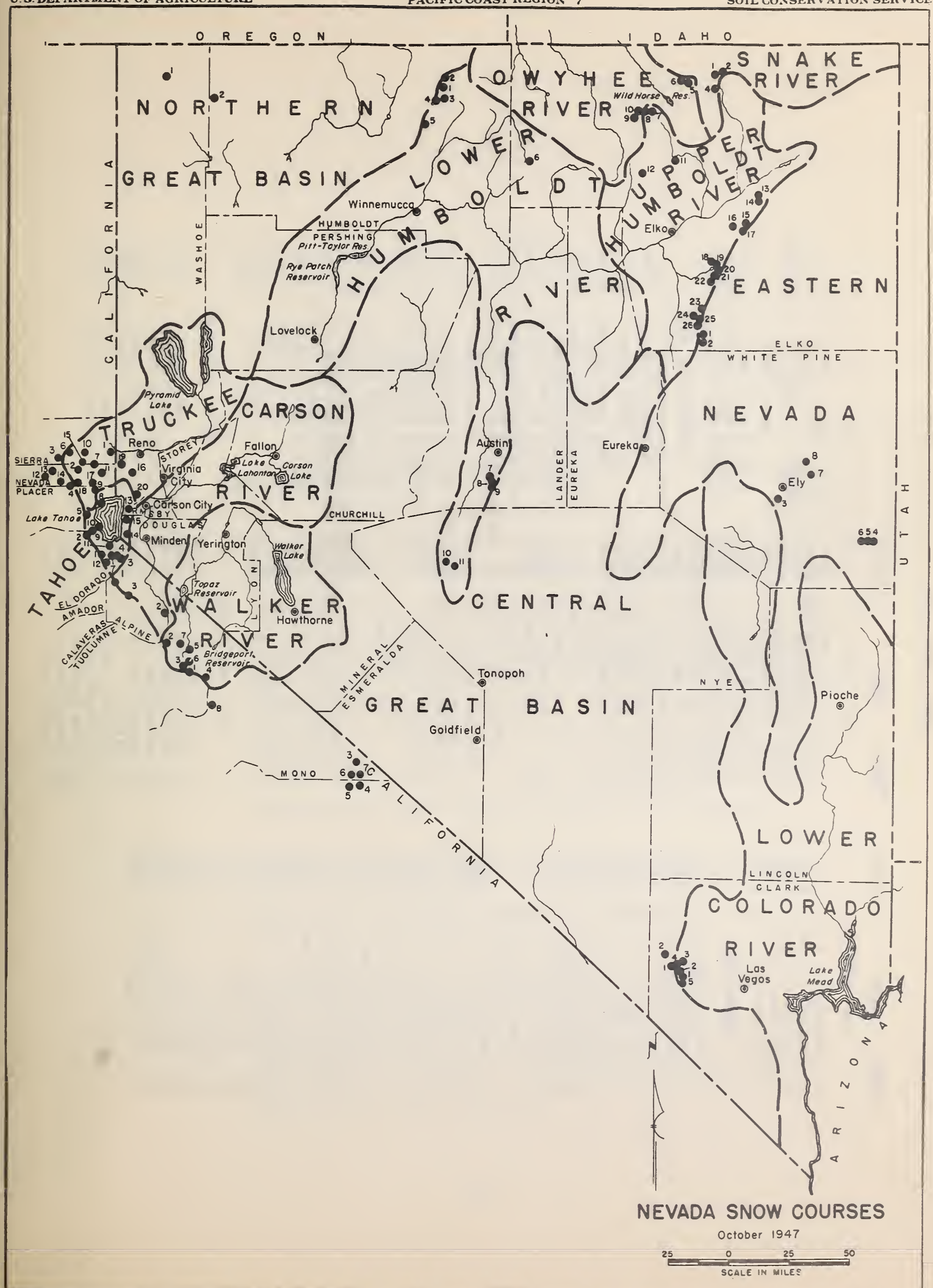

NEVADA SNOW COURSES

October 1947

7-L-10252

INDEX TO SNOW COURSES

NUMBERS	NAME	ELEVATION
	SNAKE RIVER	
1.	Bear Creek	7,800
2.	Fox Creek	6,800
4.	76 Creek	7,100
5.	Gold Creek	6,600
6.	Big Bend	6,700
	OWYHEE RIVER	
1.	Lower Buckskin	6,700
2.	Upper Buckskin	7,200
3.	Martin Creek	6,700
4.	Granite Peak	7,800
5.	Gold Creek	6,600
6.	Big Bend	6.700
7.	Fry Canyon	6,700
8.	Rodeo Flat	6,800
9.	Lower Jack Creek	6,800
10.	Upper Jack Creek	7,250
11.	Tremewan Ranch	5,700
12.	Taylor Canyon	6,200
	UPPER HUMBOLDT RIVER	
1.	Bear Creek	7,800
2.	Fox Creek	6,800
4.	76 Creek	7,100
5.	Gold Creek	6,600
6.	Big Bend	6,700
7.	Fry Canyon	6,700
8.	Rodeo Flat	6,800
9.	Lower Jack Creek	6,800
10.	Upper Jack Creek	7,250
11.	Tremewan Ranch	5,700
12.	Taylor Canyon	6,200
13.	Lower Trout Creek	6,900
14.	Upper Trout Creek	8,500
15.	Dorsey Basin	8,100
16.	Ryan Ranch	5,800
17.	Dry Creek	6,500
18.	Lamoille #1	7,100
19.	Lamoille #2	7,300
20.	Lamoille #3	7,700
21.	Lamoille #4	8,000
22.	Lamoille #5	8,700
23.	Green Mountain	8,000
24.	Harrison Pass #1	6,600
25.	Harrison Pass #2	7,400
26.	Corral Canyon	8,500

NUMBERS	NAME	ELEVATION
	TRUCKEE BASIN	
1.(Cal.)	Granite Peak	8,200
2.(Cal.)	Independence Lake	8,450
3.(Cal.)	Webber Peak	8,000
4.(Cal.)	Donner Summit	6,900
5.(Cal.)	Ward Creek	7,000
6.(Cal.)	Webber Lake	7,000
7.(Cal.)	Sage Hen Creek	6,500
8.(Cal.)	Tahoe City	6,250
9.(Cal.)	Truckee #2	6,400
10.(Cal.)	Independence Creek	6,300
11.(Cal.)	Boca #2	5,900
12.(Cal.)	Furnace Flat	6,600
13.(Cal.)	Fordyce Lake	6,500
14.(Cal.)	Soda Springs	6,750
15.(Cal.)	Independence Camp	7,000
16.	Mt. Rose	9,000
17.(Cal.)	Truckee Ranger Station	6,000
18.(Cal.)	Donner Lake	5,950
19.	Big Meadows	8,800
20.	Little Valley	6,300
	LOWER COLORADO RIVER	
1.	Rainbow Canyon	7,800
2.	Kyle Canyon	8,200
3.	Lee Canyon #1	8,300
4.	Lee Canyon #2	9,000
5.	Rainbow Canyon #2	8,100
	EASTERN NEVADA	
1.	Cave Creek	7,000
2.	Hager Canyon	8,500
3.	Murray Summit	7,250
4.	Baker #1	7,950
5.	Baker #2	8,950
6.	Baker #3	9,250
7.	Berry Creek	9,100
8.	Bird Creek	7,500
	LOWER HUMBOLDT RIVER	
1.	Lower Buckskin	6,700
2.	Upper Buckskin	7,200
3.	Martin Creek	6,700
4.	Granite Peak	7,800
5.	Lamance Creek	6,600
6.	Midas	7,200
7.	Big Creek Camp Ground	6,000
8.	Big Creek Mine	7,000
9.	Upper Big Creek	8,000
10.	Lower Corral	7,500
11.	Upper Corral	8,500

NUMBERS	NAME	ELEVATION
	CARSON BASIN	
1.(Cal.)	Carson Pass	8,600
2.(Cal.)	Poison Flat	7,900
3.(Cal.)	Blue Lakes	8,000
	NORTHERN GREAT BASIN	
1.	Bald Mountain	6,720
2.	Mahogany Mountain	5,680
	WALKER BASIN	
1.(Cal.)	Center Mountain	9,400
2.(Cal.)	Sonora Pass	8,800
3.(Cal.)	Buckeye Forks	8,500
4.(Cal.)	Virginia Lakes	9,500
5.(Cal.)	Willow Flat	8,250
6.(Cal.)	Buckeye Roughs	7,900
7.(Cal.)	Leavitt Meadows	7,200
8.(Cal.)	Tioga Pass	9,900
	TAHOE BASIN	
1.(Cal.)	Lake Lucille	8,400
2.(Cal.)	Rubicon #1	8,100
3.(Cal.)	Hagans Meadow	8,000
4.(Cal.)	Freel Bench	7,300
5.(Cal.)	Ward Creek	7,000
7.(Cal.)	Upper Truckee	6,400
8.(Cal.)	Tahoe City	6,250
9.(Cal.)	Rubicon #2	7,500
10.(Cal.)	Rubicon #3	6,700
11.(Cal.)	Richardsons #2	6,500
12.(Cal.)	Echo Summit	7,500
13.	Marlette Lake	8,000
14.	Daggetts Pass	7,350
15.	Glenbrook #2	6,900
16.	Mt. Rose	9,000
	CENTRAL GREAT BASIN	
1.	Clark Canyon	9,000
2.	Trough Springs	8,500
3.(Cal.)	McAfee Forks	7,500
4.(Cal.)	Roberts Ranch	8,300
5.(Cal.)	Goat Springs	10,300
6.(Cal.)	Sage Hen Flats	10,500
7.(Cal.)	Ranger Station	9,500

March 1, 1948

PRELIMINARY WATER SUPPLY OUTLOOK

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* * * * * * * * * * * * * * * * * * *
*A shortage of irrigation water is*
*eminent throughout Nevada during *
*the 1948 season.  Shortages will *
*range from acute in the west and *
*along the main Humboldt River to *
*slight on the upper reaches of   *
*the Humboldt tributaries.        *
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Water stored in snow throughout the headwaters of irrigation streams is below average on 95 percent of the 88 snow courses surveyed at this date.

Precipitation since October is below average in practically all irrigated valleys of the State.

Valley soils are very dry and groundwater levels are down in the major irrigated valleys.

Reservoir storage is poor with March 1, storage about 60 percent of last year and 60 percent of the 1937-46 average. Total storage is about 44 percent of usable capacity.

PRELIMINARY STREAMFLOW FORECASTS, March 1, 1948

BASIN AND STREAM	April-July, inclusive Streamflow Thousands Acre Ft. Forecast 1948	Measured Run-off 1947	1946	1945	10-yr. avg. 1937-1946
Owyhee River at Mountain City, Nevada[1]	30	40	66	109	69
Lamoille Creek near Lamoille, Nevada	20	26	25	37	28
South Fork Humboldt River near Elko, Nevada	30	44	90	167	88
Humboldt River at Palisade, Nevada	75	95	256	486	252
Martin Creek near Paradise, Nevada	7	7	14	23	17

1. Corrected for change in storage in Wildhorse Reservoir

Snake River in Nevada

Snow water runoff of Bruneau River and Salmon Falls Creek will be about 70 percent of normal. Flow of Owyhee River at Mountain City is forecast at 30,000 acre-feet corrected for storage in Wildhorse Reservoir. Wildhorse Reservoir with a capacity of 33,000 acre-feet contained about 5,000 acre-feet March 1. This reservoir will probably not fill unless above average precipitation occurs during the period April through July.

Upper Humboldt River

Marys River will flow about 70 percent of normal while North Fork, Susie and Maggie Creeks will discharge about 50 percent.

The southern feeders to the Humboldt from Trout Creek to Lamoille Creek will flow about 70 percent of normal. Lamoille Creek near Lamoille is forecast at 20,000 acre-feet or about 70 percent of the 1937-46 average.

The runoff of South Fork Humboldt near Elko is forecast at 30,000 acre-feet or less than 35 percent of the 1937-46 average. Streams south of the South Fork will flow about 40 percent of normal. The flow of Humboldt River at Palisade is forecast at 75,000 acre-feet or less than 30 percent of the 1937-46 average.

Under conditions of average irrigation season precipitation the general water outlook for the Upper Humboldt Basin is for slight early season shortages receding to acute shortages during the middle and late season.

Lower Humboldt River

The forecast for Martin Creek near Paradise is 7,000

acre-feet or about 40 percent of the 1937-46 average. Upper Reese River will flow about 90 percent of normal. The Lower Humboldt proper will be very short of natural streamflow. Pitt-Taylor reservoirs are empty while Rye Patch with a capacity of 178,000 acre-feet contains only 114,000 acre-feet which is less than 65 percent of the amount stored a year ago at this date.

Eastern Nevada

Snow water runoff into Ruby and Steptoe Valleys will be less than 50 percent of normal while Baker and Lehman Creeks will flow about 80 percent.

Lower Colorado River

Snow stored water in the Spring Mountains near Las Vegas is 85 percent of last year and about 65 percent of the eight year average. Storage in Lake Mead as of March 1, has improved over last year with 19,148,000 acre-feet stored as compared to the 1939-46 average of 19,923,000 acre-feet.

Sierra Nevada

Tahoe, Truckee, Carson, and Walker River forecasts are

not made until April 1. March 1 surveys at key courses indicate that snow stored water on Tahoe and Truckee watersheds is about 20 percent of normal at the lower elevations and about 40 percent at the higher elevations. Lake Tahoe contained about 264,000 acre-feet on March 1, which is the lowest recorded for this date since 1937. Carson River surveys show snow stored water is almost 50 percent of normal. Lake Lahontan stored 179,000 acre-feet on March 1 which is the lowest in storage on this date since 1936. Bridgeport and Topaz reservoirs on Walker River, combined, stored 45,000 acre-feet or 45 percent of capacity.

STATUS OF RESERVOIR STORAGE, MARCH 1, 1948

BASIN AND STREAM	RESERVOIR	USABLE CAPACITY (Thous. A.F.)	THOUS. ACRE FEET USABLE STORAGE ABOUT MAR.1 1948	1947	1946	1945	10-yr. avg. 1937-1946
Owyhee	Wildhorse	33	5	14	19	12	12[a]
Lower Humboldt	Pitt-Taylor	27	0	21	14	11	21[b]
Lower Humboldt	Rye Patch	178	114	178	161	178	167[c]
Tahoe	Tahoe	750	264	508	543	423	451
Carson	Lahontan	286	179	220	229	238	232
West Walker	Topaz	59	24	46	56	41	43
East Walker	Bridgeport	42	21	41	38	38	36
Colorado	Mead	27,935	19,148	16,692	18,275	18,772	19,923[d]

a - Average for years 1940-1946

b - Average for years 1937-1942, 1945-1946

c - Average for years 1943-1946

d - Average for years 1939-1946

NEVADA SNOW SURVEYS MARCH 1, 1948

DRAINAGE BASIN and SNOW COURSE	LOCATION Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	SNOW COVER MEASUREMENTS Water Content (inches) 1948	1947	1946	Past Record Incl. 1948 Years of Record	Av. Water Content (inches)
SNAKE RIVER												
Bear Creek*	1	31	46N	58E	7800	3/3	53.8	14.3	12.6	16.4	17	15.5
Fox Creek	2	33	46N	58E	6800	3/3	29.7	8.0	4.9	9.4	17	8.4
76 Creek	4	6	44N	58E	7100	3/2	37.4	9.0	6.9	13.3	3	9.7
Gold Creek	5	31	45N	56E	6600	2/29	13.9	4.9	3.2	7.3	17	6.5
Big Bend	6	30	45N	56E	6700	2/29	24.2	6.3	5.3	10.1	17	9.1
OWYHEE RIVER												
Lower Buckskin*	1	25	45N	39E	6700	2/27	21.7	7.8	No Survey	8.1	15	8.5
Upper Buckskin*	2	11	45N	39E	7200	2/23	21.5	8.2	" "	6.8	15	10.4
Martin Creek	3	18	44N	40E	6700	2/28	18.1	6.8	3.8	7.2	17	7.9
Granite Peak	4	22	44N	39E	7800	2/28	18.7	6.4	6.8	11.2	18	9.5
Gold Creek	5	31	45N	56E	6600	2/29	13.9	4.9	3.2	7.3	17	6.5
Big Bend	6	30	45N	56E	6700	2/29	24.2	6.3	5.3	10.1	17	9.1
Fry Canyon	7	31	43N	54E	6700	3/1	16.3	5.0	4.3	8.8	15	8.9
Rodeo Flat	8	36	43N	53E	6300	3/1	19.4	6.2	4.7	9.5	15	9.8
Lower Jack Creek	9	18	42N	53E	6800	3/2	10.9	2.8	1.2	5.2	19	4.8
Upper Jack Creek*	10	9	42N	53E	7250	3/2	33.8	7.3	5.4	10.1	13	9.8
Tremewan Ranch	11	9	39N	55E	5700	3/1	0	0	0	2.5	17	2.6
Taylor Canyon*	12	35	39N	53E	6200	3/3	4.8	1.3	0.5	7.3	14	5.8

DRAINAGE BASIN and SNOW COURSE	LOCATION Number	Sec.	Twp.	Rge.	Elev.	SNOW COVER MEASUREMENTS Date of Survey	Snow Depth (inches)	Water Content (inches) 1948	1947	1946	Past Record Incl. 1948 Years of Record	Av. Water Content (inches)
UPPER HUMBOLDT												
Bear Creek*	1	31	46N	58E	7800	3/3	53.8	14.3	12.6	16.4	17	15.5
Fox Creek	2	33	46N	58E	6800	3/3	29.7	8.0	4.9	9.4	17	8.4
76 Creek	4	6	44N	58E	7100	3/2	37.4	9.0	6.9	13.3	3	9.7
Gold Creek	5	31	45N	56E	6600	2/29	13.9	4.9	3.2	7.3	17	6.5
Big Bend	6	30	45N	56E	6700	2/29	24.2	6.3	5.3	10.1	17	9.1
Fry Canyon	7	31	43N	54E	6700	3/1	16.3	5.0	4.3	8.8	15	8.9
Rodeo Flat	8	36	43N	53E	6800	3/1	19.4	6.2	4.7	9.5	15	9.6
Lower Jack Creek	9	18	42N	53E	6800	3/2	10.9	2.8	1.2	5.2	19	4.8
Upper Jack Creek*	10	9	42N	53E	7250	3/2	33.8	7.3	5.4	10.1	13	9.8
Tremewan Ranch	11	9	39N	55E	5700	3/1	0	0	0	2.5	17	2.6
Taylor Canyon*	12	35	39N	53E	6200	3/3	4.8	1.3	0.5	7.3	14	5.8
Lower Trout Creek*	13	28	37N	61E	6900		No Survey	No Survey	1.8	No Survey	12	5.9
Upper Trout Creek	14	4	36N	61E	8500	3/5	55.5	16.5	10.8	" "	13	19.5
Dorsey Basin*	15	27	35N	60E	8100	2/29	34.8	9.3	4.9	11.2	17	10.8
Ryan Ranch*	16	1	34N	59E	5800	2/29	0	0	0	0.7	17	2.0
Dry Creek*	17	5	34N	60E	6500	2/29	5.1	1.8	0	5.2	16	5.2
Lamoille #1	18	15	32N	58E	7100	2/29	24.9	7.9	7.7	9.6	20	9.3
Lamoille #2	19	14	32N	58E	7300	3/1	27.7	8.4	7.1	10.0	20	9.3
Lamoille #3	20	24	32N	58E	7700	3/1	37.2	10.6	9.3	12.7	14	12.1
Lamoille #4	21	19	32N	59E	8000	3/1	45.3	13.9	16.0	17.4	8	16.6
Lamoille #5	22	31	32N	59E	8700	3/1	54.4	17.5	22.4	28.5	14	23.1
Green Mountain	23	23	29N	57E	8000	3/9	33.5	9.5	7.5	12.8	14	12.9
Harrison Pass #1	24	10	28N	57E	6600	3/1	11.4	3.5	2.4	4.4	20	5.4
Harrison Pass #2	25	16	28N	57E	7400	3/1	14.7	4.5	2.5	4.6	19	5.7
Corral Canyon	26	27	28N	57E	8500	3/8	42.4	13.1	14.5	18.3	14	14.3

NEVADA SNOW SURVEYS MARCH 1, 1948

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LOWER HUMBOLDT												
Lower Buckskin*	1	25	45N	39E	6700	2/27	21.7	7.8	No Survey	8.1	15	8.5
Upper Buckskin*	2	11	45N	39E	7200	2/26	21.5	8.2	" "	6.8	15	10.4
Martin Creek	3	18	44N	40E	6700	2/28	18.1	6.8	3.8	7.2	17	7.9
Granite Peak	4	22	44N	39E	7800	2/28	18.7	6.4	6.8	11.2	18	9.5
Lamance Creek	5	13	42N	38E	6600	2/25	9.7	3.8	No Survey	10.3	16	10.3
Midas	6	18	39N	46E	7200	3/1	0	0	0	5.2	9	5.0
Big Creek Camp Ground	7	10	17N	43E	6000	2/27	0	0	1.2	0	7	1.8
Big Creek Mine	8	23	17N	43E	7000	2/27	10.5	3.3	3.3	3.5	7	3.2
Upper Big Creek	9	26	17N	43E	8000	2/27	24.3	7.2	9.0	9.5	7	7.4
Lower Corral	10	12	11N	40E	7500	2/26	8.5	2.6	0	0	7	2.2
Upper Corral	11	20	11N	41E	8500	2/26	20.4	6.7	6.5	4.6	7	6.4
EASTERN NEVADA												
Cave Creek	1	25	27N	57E	7000	3/1	21.1	7.3	11.1	15.7	7	13.9
Hager Canyon	2	34	27N	57E	8500	3/1	23.5	7.6	14.5	17.9	8	16.4
Murray Summit*	3	25	18N	62E	7250	2/27	5.3	1.5	4.3	3.4	12	3.9
Baker #1	4	29	13N	69E	7950	3/2	30.6	4.8	5.6	3.2	7	6.1
Baker #2	5	30	13N	69E	8950	3/2	50.1	11.1	18.3	9.6	7	16.6
Baker #3	6	25	13N	68E	9250	3/2	54.2	13.4	22.2	9.2	4	14.5
Berry Creek	7	26	17N	65E	9100	3/1	38.4	8.3	New Snow Course			
Bird Creek	8	34	19N	65E	7500	3/1	17.9	3.5	" " "			

NEVADA SNOW SURVEYS MARCH 1, 1948

DRAINAGE BASIN and SNOW COURSE	LOCATION Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	SNOW COVER MEASUREMENTS Water Content (inches) 1948	1947	1946	Past Record Incl.1948 Years of Record	Av.Water Content (inches)
LOWER COLORADO												
Rainbow Canyon	1	31	19S	57E	7800	2/28	26.3	8.6	9.9	7.1	8	12.1
Kyle Canyon	2	26	19S	56E	8200	2/28	21.8	7.6	8.9	6.3	8	11.1
Lee Canyon #1	3	10	19S	56E	8300	2/27	21.5	7.7	7.5	4.4	8	10.1
Lee Canyon #2	4	9	19S	56E	9000	2/26	26.8	6.1	9.1	6.3	8	11.5
Rainbow Canyon #2	5	6	20S	57E	8100	2/28	35.9	10.7	15.0	New Course	2	12.9
CENTRAL GREAT BASIN												
Clark Canyon	1	8	19S	56E	9000	2/26	23.4	7.2	7.6	4.9	3	6.6
Trough Springs	2	23	18S	55E	8500	2/25	20.0	6.2	4.9	4.3	3	5.1
McAfee Forks(Cal.)	3	1	4S	34E	7500	2/29	13.5	4.2	New Snow Course			
Roberts Ranch(Cal.)	4	11	6S	35E	8300	3/1	0	0	No Survey	0	2	0
Goat Springs(Cal.)	5	13	6S	34E	10300	3/1	5.8	0.1	" "	2.1	2	1.1
Sage Hen Flats(Cal.)	6	29	5S	35E	10500	3/2	7.7	0.2	" "	3.2	2	1.7
Ranger Station(Cal.)	7	14	5S	35E	9500	3/2	8.1	0.9	" "	0	2	0.5
NORTHERN GREAT BASIN												
Bald Mountain	1	17	45N	21E	6720	3/1	0	0	0.6	3.1	9	3.7

NEVADA SNOW SURVEYS MARCH 1, 1948

DRAINAGE BASIN and SNOW COURSE	LOCATION Number	Sec.	Twp.	Rge.	Elev.	SNOW COVER MEASUREMENT Date of Survey	Snow Depth (inches)	Water Content (inches) 1948	1947	1946	Past Record Incl. 1948 Years of Record	Av. Water Content (inches)
TAHOE												
Lake Lucile (Cal.)	1	28	12N	17E	8400	2/28	88.5	28.8	No Survey	No Survey	34	56.5[a]
Freel Bench	4	36	12N	18E	7300	2/29	8.6	2.3	" "	" "	7	12.1
Upper Truckee(Cal.)	7	21	12N	18E	6400	2/29	2.1	0.5	" "	10.3	10	9.4
Tahoe City (Cal.)	8	6	15N	17E	6250	3/1	0	0	0	14.4	17	13.0
Richardsons #2(Cal.)	11	6	12N	18E	6500	2/27	9.8	2.9	8.3	15.2	4	9.3
Echo Summit (Cal.)	12	6	11N	18E	7500	2/27	42.0	15.5	23.0	42.0	7	30.5
Marlette Lake	13	13	15N	18E	8000	3/5	22.5	8.0	21.3	26.0	17	21.9
Daggetts Pass	14	19	13N	19E	7350	2/27	7.1	1.9	11.2	14.3	12	12.3
Glenbrook #2	15	13	14N	18E	6900	2/27	12.4	3.9	No Survey	15.0	4	10.7
TRUCKEE												
Independence Lake(Cal)	2	9	18N	15E	8450	2/29	48.2	14.8	23.9	No Survey	10	32.6
Donner Summit (Cal.)	4	25	17N	14E	6900	2/27	32.5	12.8	17.9	41.0	25	33.4
Sage Hen Creek(Cal.)	7	7	18N	16E	6500	3/1	9.0	2.3	9.7	18.8	12	16.2
Tahoe City (Cal.)	8	6	15N	17E	6250	3/1	0	0	0	14.4	17	13.0
Independence Creek(Cal)	10	14	19N	15E	6300	2/28	3.4	1.2	4.3	No Survey	9	12.1
Furnace Flat (Cal.)	12	10	17N	13E	6600	2/26	39.5	14.2	20.5	49.4	24	39.1
Fordyce Lake (Cal.)	13	34	18N	13E	6500	2/26	22.5	8.8	15.8	38.6	22	34.6
Soda Springs (Cal.)	14	23	17N	14E	6750	2/27	19.0	7.1	14.3	37.9	19	29.7
Independence Camp(Cal.)	15	34	19N	15E	7000	2/28	21.0	6.4	10.6	25.2	7	17.4
Truckee Ranger Sta.(Cal)	17	10	17N	16E	6000	3/3	6.8	2.6	5.9	13.9	4	8.1
Donner Lake (Cal.)	18	14	17N	15E	5950	3/3	11.4	3.8	7.0	21.6	5	14.1

NEVADA SNOW SURVEYS MARCH 1, 1948

LOCATION						SNOW COVER MEASUREMENT						
								Water Content (inches)			Past Record Incl. 1948	
DRAINAGE BASIN and SNOW COURSE	Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	1948	1947	1946	Years of Record	Av. Water Content (inches)
CARSON												
Carson Pass (Cal.)	1	22	10N	18E	8600	2/27	41.9	14.6	24.7	28.5	19	30.9
Blue Lakes (Cal.)	3	30	9N	19E	8000	2/29	55.1	15.5	23.2	32.3	19	30.7
WALKER												
Tioga Pass (Cal.)	8	30	1N	25E	9900	2/26	33.3	11.4	15.6	23.0	10	21.8

*Course revised 1948

a Average for April 1

SNOW SURVEYORS

March 1948

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The following organizations cooperate in the Nevada snow survey work:

STATE

Nevada State Engineer
Nevada Agricultural Experiment Station
California Division of Water Resources

FEDERAL

Soil Conservation Service
Forest Service
Weather Bureau
Bureau of Reclamation
Geological Survey
Fish and Wildlife Service

PUBLIC UTILITIES

Sierra Pacific Power Company
Wells Power Company
Virginia City Water Company

ORGANIZED PUBLIC AGENCIES

Truckee-Carson Irrigation District
Washoe County Water Conservation District
Walker River Irrigation District

PRIVATE ORGANIZATIONS

Deep Springs School
Kennecott Copper Corp.

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